

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Maurits ORTMANN et al.

Appl. No. 10/530,762

Confirmation No. 6953

Filed: September 16, 2005

For: CONTROLLED CURRENT SOURCE;
IN PARTICULAR FOR
DIGITAL/ANALOGUE CONVERTERS
IN CONTINUOUS-TIME
SIGMA/DELTA MODULATORS

Art Unit: 2877

Examiner: Not Yet Assigned

Atty. Docket No. 31583-216855

Customer No.

26694

PATENT TRADEMARK OFFICE

Request for Corrected Filing Receipt

**Mail Stop: Office of Initial Patent Examination
Filing Receipt Corrections**

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants respectfully request a correction to the original Official Filing Receipt. A marked-up copy of the original Official Filing Receipt is attached. Please correct the Filing Receipt to show the amended title as the follows:

**--CONTROLLED CURRENT SOURCE; IN PARTICULAR FOR DIGITAL/ANALOGUE
CONVERTERS IN CONTINUOUS-TIME SIGMA/DELTA MODULATORS --**

On November 10, 2005, Applicants filed a Supplemental Application Data Sheet and a Second Preliminary Amendment requesting the change in title. Copies of the Supplemental Application Data Sheet, Second Preliminary Amendment, and the PTO dated-stamped Postcard Filing Receipt, evidencing the filing in the instant application, are attached hereto as Exhibit 1.

No fee is believed necessary with this submission. However, should the Office determine otherwise, the Director is hereby authorized to charge such fee or credit an overpayment to Deposit Account No. 22-0621, under Docket No. 31583-216855.

Respectfully submitted,

Date: 12/21/05



Robert Kinberg
Registration No. 26,924
VENABLE LLP
P.O. Box 34385
Washington, D.C. 20043-9998
Telephone: (202) 344-4000
Telefax: (202) 344-8300

708751



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

R2K

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/530,762	09/16/2005	2877	1160	31583-216855 RK	4	16	2

CONFIRMATION NO. 6953

26694
VENABLE LLP
P.O. BOX 34385
WASHINGTON, DC 20045-9998

FILING RECEIPT



OC000000017507902

Date Mailed: 11/25/2005

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Maurits Ortmanns, Niedernwahren, GERMANY;
Yiannos Manoli, Freiburg, GERMANY;
Friedel Gerfers, Duisburg, GERMANY;

Assignment For Published Patent Application

Albert-Ludwigs-Universitat Freiburg, Freiburg, GERMANY

Power of Attorney: The patent practitioners associated with Customer Number 26694.

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/DE03/03321 10/07/2003

Foreign Applications

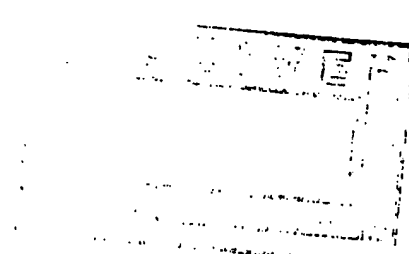
GERMANY 10247133.9 10/09/2002

Projected Publication Date: 03/02/2006

Non-Publication Request: No

Early Publication Request: No

Title



Controlled power source, in particular for a digital analogue converter in continuous time sigma delta modulators

Preliminary Class

356

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process simplifies the filing of patent applications on the same invention in member countries, but does not result in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

LICENSE FOR FOREIGN FILING UNDER Title 35, United States Code, Section 184 Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof

unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

129598

PATENT : PROSECUTION RECEIPT OF FILING

Venable Filing Number

Atty. Docket No:

Title of Application:

31583-216855

CONTROLLED CURRENT SOURCE
IN PARTICULAR FOR
DIGITAL/ANALOGUE CONVERTERS
IN CONTINUOUS-TIME SIGMA/DELTA
MODULATORS (as amended)

Application No:

Patent No. :

10/530,762

Attorney/LAA:

RK/cdw

PTO Due Date:

Current Date:

November 10, 2005

Filing Date:

Issue Date:

April 29, 2005

The following items were received from Venable LLP, Washington, D.C., by the U.S. Patent & Trademark Office on the date stamped hereon:

U.S. PTO FEES ENCLOSED

- ☐ Transmittal Letter
☐ Fee Transmittal Letter
☐ New U.S. Provisional Application (pages of specification/claims)
☐ Rule 53(d) Continued Prosecution Application
☐ Rule 53(b) Continuation or Divisional Application (**attach copy of specification, claims, drawings and declaration**)
☐ U.S. National Stage Application of PCT Application
☐ Request for Continued Examination (RCE) under 37 CFR 1.114
☐ Response
☐ Substitute Specification
☐ Priority Document-Cert. Copy of Appln.#: ; Country
Date Filed:
☐ Formal Drawings (sheets, Figs.)
☐ Inventor Declaration
☐ Assignment w/Cover Sheet
☐ Response to Notice to File Missing Parts
☐ Response to Notice to File Missing Requirements
☐ Response to Restriction Requirement
☒ **First Supplemental Information Disclosure Statement w/PTO/SB/08A (2 refs.)**
☐ Response
☒ **Second Preliminary Amendment**
☐ Petition/Request for Extension of Time (mo. ext.)
☐ Power of Attorney
☐ Petition to Revive
☐ Sequence Listing – CDR Enclosed? ☐ Yes ☐ No
☐ Request for Non-Publication
☐ Request to Rescind Non-Publication Request
☐ Appeal Brief (**in triplicate**)
☐ ☐ Reply Brief (**in triplicate**)/ ☐ Request for Oral Hearing
☐ Confirmation of Hearing Petition
☐ Issue Fee Transmittal
☐ Certificate of Correction
☐ Maintenance Fee Transmittal
☐ Status Inquiry
☐ Other: (*Please describe below*)

Supplemental Application Data Sheet

_____ Filing Fee
_____ Surcharge Fee
_____ Additional Claim Fee
_____ Recordation/Indexing Fee
_____ IDS Fee
_____ Extension Fee
_____ Notice of Appeal Fee
_____ Brief on Appeal
_____ Oral Hearing Request Fee
_____ Petition Fee
_____ Issue Fee
_____ Publication Fee
_____ Maintenance Fee
_____ Other Fees (Describe)
_____ \$0.00 **Total Fees Paid**

☐ Check Number

Attached

☐ Charge Deposit Account No.
22-0261*

*If the Deposit Account was used, was a copy of this form sent to Accounting?

☐ Yes ☐ No

RETURN TO CAROLYN WALKER

ELM



Docket No.: 31583-216855
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Maurits ORTMANN et al.

Application No.: 10/530,762

Filed: April 8, 2005

For: CONTROLLED CURRENT SOURCE; IN
PARTICULAR FOR DIGITAL/ANALOGUE
CONVERTERS IN CONTINUOUS-TIME
SIGMA/DELTA MODULATORS (as amended)

Confirmation No.: 6953

Art Unit: Not Yet Assigned

Examiner: Not Yet Assigned

SECOND PRELIMINARY AMENDMENT

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Applicants request the entry of the following amendments prior to the examination of the above-identified application. A Supplemental Application Data Sheet is submitted herewith.

Amendments to the title begin on page 2 of this paper.

Amendments to the Specification begin on page 3 of this paper.

Remarks/Arguments begin on page 4 of this paper.

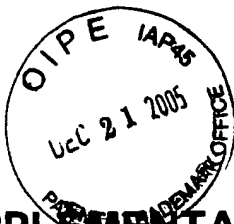
Application No.: 10/530,762

Docket No.: 31583-216855

AMENDMENTS TO THE TITLE

Please amend the title to read as follows:

CONTROLLED CURRENT SOURCE; IN PARTICULAR FOR DIGITAL/ANALOGUE
CONVERTERS IN CONTINUOUS-TIME SIGMA/DELTA MODULATORS



SUPPLEMENTAL APPLICATION DATA SHEET

Application Information

Application Number:: 10/530,762

Filing Date:: **April 8, 2005**

Application Type:: **Regular**

Subject Matter:: **Utility**

Suggested Classification::

Suggested Group Art Unit::

CD-ROM or CD-R?::

Number of CD Disks::

Number of Copies of CDs::

Sequence Submission?::

**Computer Readable Form
(CFR)?::**

Number of Copies of CFR::

Title:: **CONTROLLED POWER-CURRENT SOURCE[[.]]; IN
PARTICULAR FOR [[A]] DIGITAL/ANALOGUE
CONVERTERS IN CONTINUOUS
CONTINUOUS-TIME SIGMA/DELTA MODULATORS**

Attorney Docket Number:: **31583-216855 RK**

Request for Early

Publication?::

Request for Non-Publication?::

Suggested Drawing Figure::

Total Drawing Sheets:: **4**

Small Entity?:: **NO**

Latin Name::

Variety Denomination Name::

Petition Included?::

Petition Type::

Licensed US Govt. Agency::
Contract or Grant Numbers::
Secrecy Order in Parent Appl.::

Applicant Information

Applicant Authority Type:: Inventor
Primary Citizenship:: German
Country:: Germany
Status:: Full Capacity
Given Name:: Maurits
Middle Name::
Family Name:: ORTMANNS
Name Suffix::
City of Residence:: Niedernwöhren
State or Province of Residence::
Country of Residence:: Germany
Street of Mailing Address:: Saenkamp 8
City of Mailing Address:: Niedernwöhren
State or Province of Mailing Address::
Country of Mailing Address:: Germany
Postal or Zip Code of Mailing Address:: D-31712

Applicant Authority Type:: Inventor
Primary Citizenship:: German
Country:: Germany
Status:: Full Capacity
Given Name:: Yiannos
Middle Name::
Family Name:: MANOLI

Name Suffix::

City of Residence:: Freiburg

State or Province of Residence::

Country of Residence:: Germany

Street of Mailing Address:: Wintererstrasse 76

City of Mailing Address:: Freiburg

State or Province of Mailing Address::

Country of Mailing Address:: Germany

Postal or Zip Code of Mailing Address:: D-79104

Applicant Authority Type:: Inventor

Primary Citizenship:: German

Country:: Germany

Status:: Full Capacity

Given Name:: Friedel

Middle Name::

Family Name:: GERFERS

Name Suffix::

City of Residence:: Duisburg

State or Province of Residence::

Country of Residence:: Germany

Street of Mailing Address:: Orsoyerstrasse 30a

City of Mailing Address:: Duisburg

State or Province of Mailing Address::

Country of Mailing Address:: Germany

Postal or Zip Code of Mailing Address:: D-47199

Correspondence Information

Correspondence Customer Number:: 26694
Phone Number:: 202-344-4800
Fax Number:: 202-344-8300
E-Mail Address:: rkinberg@venable.com

Representative Information

Representative Customer Number:: 26694

Domestic Priority Information

Application::	Continuity Type::	Parent Application::	Parent Filing Date::
This application is a	National Stage of	PCT/DE2003/003321	October 7, 2003

Foreign Priority Information

Country::	Application Number::	Filing Date::	Priority Claimed::
GERMANY	102 47 133.9	October 9, 2002	Yes

Assignee Information

Assignee Name:: Albert-Ludwigs-Universität Freiburg
Street of Mailing Address:: Fahnenbergplatz
City of Mailing Address:: Freiburg
State or Province of Mailing Address::
Country of Mailing Address:: GERMANY
Postal or Zip Code of Mailing Address:: D-79085